

Volume 1, Number 4

July 2, 1989

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| Fidonet HAM/PACKET Digest - For up to date HAM/PACKET info |
|=====
|   Published by : Brian Murrey KB9BVN at Indpls, IN          |
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|   Or via GEnie address MURREY                                |
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TABLE OF CONTENTS

1. EDITORIALS	
Brian's Corner - KB9BVN .....	1
2. BULLETINS	
ARRL BULLETINS .....	2
3. ARTICLES	
AFRTS feeder frequencies .....	8
Radio Beijing's English schedule: .....	9
Radio RSA freq's .....	10
Amateur Radio on VHF .....	12
ANERCOM meets in Washington, D.C. .....	13
Subj: Broadcast Editorial .....	14
Latest FCC-issued Amateur calls .....	17
NARTE certificates for hams .....	18
"RCR" Article on 220 Hearings .....	19
New recruitment brochures .....	22

Fidonet HAM/PACKET Digest

Page i

Volume 1, Number 4

July 2, 1989

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E D I T O R I A L S

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Hello again from Indianapolis, and the SouthSide BBS (231/30) In this issue of the HAM/PACKET digest, I have included a bit of SWL material in hopes of generating article submissions. It has been about a month since I released the last issue of the digest, and quite frankly I am concerned that this newsletter is about to become a monthly instead of a bi-weekly. The articles have just not been coming in. If any of you readers have anything to say, here's the place to say it, be it an announcement of upcoming classes, hamfest info, or a story that you'd like to share with the rest of the ham community. Well, anyway, he it is...it's small...but what can I say?

Brian Murrey - Editor KB9BVN

Fidonet HAM/PACKET Digest

Page 1

Volume 1, Number 4

July 2, 1989

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B U L L E T I N S

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ARLB015 FROM ARRL HEADQUARTERS  
NEWINGTON CT  
APRIL 5, 1989

TO ALL RADIO AMATEURS BT

FCC CHAIRMAN DENNIS PATRICK HAS WRITTEN TO PRESIDENT BUSH EXPRESSING HIS DESIRE TO LEAVE THE GOVERNMENT AND RETURN TO THE PRIVATE SECTOR UPON CONFIRMATION OF HIS SUCCESSOR AS FCC CHAIRMAN. THE LETTER, DATED APRIL 4, WAS RELEASED BY THE COMMISSION TODAY THOUGH IT WAS NOT INCLUDED IN THE DAILY DIGEST. THE DEPARTURE OF CHAIRMAN PATRICK CREATES THE THIRD OPENING ON THE FIVE MEMBER COMMISSION, WHICH HAS BEEN FUNCTIONING WITH ONLY THREE MEMBERS FOR MORE THAN A YEAR AR

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ARRL BULLETIN NR 19 ARLB019  
FROM ARRL HEADQUARTERS  
NEWINGTON CT MAY 1, 1989  
TO ALL RADIO AMATEURS

THE 40TH ANNUAL ARMED FORCES DAY WILL BE HELD ON MAY 20 AND 21. SPECIAL COMMEMORATIVE QSL CARDS WILL 3 ISSUED TO AMATEURS CONTACTING THE PARTICIPATING MILITARY STATIONS. THOSE WHO RECEIVE AND ACCURATELY COPY THE ARMED FORCES DAY CW AND/OR RTTY MESSAGE FROM THE SECRETARY OF DEFENSE WILL RECEIVE A SPECIAL COMMEMORATIVE CERTIFICATE.

CROSSBAND CONTACTS WITH MILITARY STATIONS WILL BE CONDUCTED FROM 1300Z MAY 20 THROUGH 0245Z MAY 21. THE CW RECEIVING TEST, AT 25 WPM, WILL BEGIN AT 0300Z ON MAY 21, WHILE THE RTTY TEXT, AT 60 WPM WITH 170 HZ SHIFT, WILL BEGIN AT 0345Z ON MAY 21.

SEE MAY 1989 QST, PAGE 106, FOR CALLS AND FREQUENCIES OF PARTICIPATING MILITARY STATIONS AND COMPLETE DETAILS OF THE RECEIVING TESTS AR

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HR ARRL BULLETIN NR 20 ARLB020  
FROM ARRL HEADQUARTERS  
NEWINGTON CT MAY 6, 1989  
TO ALL RADIO AMATEURS BT

ARRL REPRESENTATIVES HAVE BEEN INVITED TO TESTIFY ON THURSDAY,

MAY 11, BEFORE THE SUBCOMMITTEE ON GOVERNMENT INFORMATION, JUSTICE AND AGRICULTURE OF THE HOUSE COMMITTEE ON GOVERNMENT OPERATIONS TO CHALLENGE THE FCC DECISION TO TERMINATE ACCESS BY RADIO AMATEURS TO THE 220 TO 222 MHZ BAND.

Fidonet HAM/PACKET Digest

Page 2

Volume 1, Number 4

July 2, 1989

THE ARRL PANEL INCLUDE WILL EXECUTIVE VICE PRESIDENT SUMNER, ARRL WEST VIRGINIA SECTION MANAGER KARL S. THOMPSON OF CHARLESTON AND RICHARD RUDMAN OF ENCINO, CALIFORNIA. WITNESSES FROM THE FEDERAL COMMUNICATIONS COMMISSION, DEPARTMENT OF DEFENSE AND UNITED PARCEL SERVICE ARE ALSO SCHEDULED TO TESTIFY.

MEMBERS OF THE SUBCOMMITTEE ARE CHAIRMAN BOB WISE, D WV, GLENN ENGLISH, D OK, EDOLPHUS TOWNS, D NY, JOHN SPRATT, D SC, LOUISE M. SLAUGHTER, D NY, AL MCCANDLESS, R CA, AND STEVEN SCHIFF, R NM AR

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HR ARRL BULLETIN NR 21 ARLB021  
FROM ARRL HEADQUARTERS  
NEWINGTON, CT MAY 12, 1989  
TO ALL RADIO AMATEURS BT

ARRL REPRESENTATIVES TESTIFIED YESTERDAY IN A THREE HOUR HEARING OF THE GOVERNMENT INFORMATION, JUSTICE AND AGRICULTURE SUBCOMMITTEE OF THE HOUSE COMMITTEE ON GOVERNMENTAL OPERATIONS. APPEARING IN A ROOM PACKED WITH AMATEURS AND PRESS, THE ARRL PANEL AND A WITNESS ON BEHALF OF THE SECRETARY OF DEFENSE OBJECTED TO THE PROCEDURES FOLLOWED BY THE FCC IN DECIDING TO TERMINATE ACCESS BY RADIO AMATEURS TO THE FREQUENCIES BETWEEN 220 AND 222 MHZ.

NOTING THAT AMATEUR RADIO WAS ONE OF THE THOUSAND POINTS OF LIGHT WHOSE VOLUNTEER EFFORTS SHOULD BE SUPPORTED, AND NOT DISCOURAGED BY THE GOVERNMENT, SUBCOMMITTEE CHAIRMAN REP BOB WISE OF WEST VIRGINIA PRAISED AMATEURS AND THEIR ROLE IN EMERGENCY COMMUNICATIONS. WEST VIRGINIA SECTION MANAGER KARL THOMPSON, K8KT, LED THE ARRL TESTIMONY BY ADDRESSING THE VOLUNTEER NATURE OF AMATEUR RADIO EMERGENCY COMMUNICATIONS AND PARTICULARLY ITS SIGNIFICANCE TO HIS STATE. HE UNDERLINED THE IMPORTANCE OF THE THREATENED BAND SEGMENT TO REPEATER LINKING AND PACKET RADIO DEVELOPMENT.

ARRL EXECUTIVE VICE PRESIDENT SUMNER, K1ZZ, TESTIFIED THAT THE PROCESS USED BY THE FCC IN DECIDING TO REALLOCATE THE BOTTOM TWO MHZ OF THE 220 MHZ AMATEUR RADIO BAND TO LAND MOBILE USE HAD FAILED TO TAKE INTO ACCOUNT THE COMMENTS OF INDIVIDUAL AMATEURS WHICH DOCUMENTED BOTH ITS IMPORTANCE TO PUBLIC SERVICE AND EXPERIMENTAL COMMUNICATION, AND THE GREAT COST TO AMATEURS AND TO THE PUBLIC IF THESE OPERATIONS HAD TO BE MOVED ELSEWHERE OR ABANDONED FOR LACK OF SPACE. HE CITED ALTERNATIVES TO THE RELOCATION AND WHICH HAD NOT BEEN ADEQUATELY CONSIDERED IN THE PROCEEDING.

RICHARD RUDMAN, W6TIA, CHAIRMAN OF THE LOS ANGELES COUNTY EMERGENCY PUBLIC INFORMATION ADVISORY GROUP, DESCRIBED THE CROWDED CONDITIONS IN SOUTHERN CALIFORNIA IN THE ENTIRE 220 MHZ BAND AND THE TREMENDOUS IMPACT OF THE FCC DECISION ON PACKET

Fidonet HAM/PACKET Digest

Page 3

Volume 1, Number 4

July 2, 1989

RADIO DEVELOPMENT. HE STRESSED THE IMPORTANCE OF AMATEUR RADIO IN EMERGENCY PLANNING.

FCC CHIEF ENGINEER DR THOMAS P. STANLEY, UNITED PARCEL SERVICE STRATEGIC PLANNING MANAGER GENE HUGHES AND DR DENNIS BODSON OF THE NATIONAL COMMUNICATIONS SYSTEM ALSO GAVE TESTIMONY. IN RESPONSE TO QUESTIONS FROM THE SUBCOMMITTEE, DR STANLEY CONCEDED, AMONG OTHER THINGS, THAT THE REDUCTION IN THE SIZE OF THE BAND WAS A SIGNIFICANT LOSS OF AMATEUR CAPABILITY THAT WAS NOT OFFSET BY THE GRANTING OF PRIMARY STATUS IN THE REMAINDER OF THE BAND.

THE SUBCOMMITTEE WILL REVIEW THE RECORD OF THE HEARING TO DETERMINE THE APPROPRIATE COURSE OF ACTION AR

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HR ARRL BULLETIN NR 22 ARLB022  
FROM ARRL HEADQUARTERS  
NEWINGTON CT MAY 19, 1989  
TO ALL RADIO AMATEURS BT

ON MAY 17 THE MEMBER SOCIETIES OF THE INTERNATIONAL AMATEUR RADIO UNION RATIFIED THE NOMINATIONS OF RICHARD L BALDWIN, W1RU, AND MICHAEL J OWEN, VK3KI, TO SERVE AS IARU PRESIDENT AND VICE PRESIDENT RESPECTIVELY FOR FIVE YEAR TERMS. THEIR ELECTION WAS BY UNANIMOUS VOTE OF THE 85 IARU MEMBER SOCIETIES WHO CAST

BALLOTS. MR OWENS ELECTION MARKS THE FIRST TIME THAT A RADIO AMATEUR FROM OUTSIDE NORTH AMERICA HAS SERVED AS AN OFFICER OF THE IARU.

THE INTERNATIONAL AMATEUR RADIO UNION WAS FOUNDED IN 1925. IT IS A FEDERATION OF NATIONAL AMATEUR RADIO ORGANIZATIONS REPRESENTING RADIO IN 126 COUNTRIES. THE ARRL SERVES AS IARU INTERNATIONAL SECRETARIAT AR

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Fidonet HAM/PACKET Digest

Page 4

Volume 1, Number 4

July 2, 1989

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HR ARRL BULLETIN NR 23 ARLB023  
FROM ARRL HEADQUARTERS  
NEWINGTON CT MAY 23, 1989  
TO ALL RADIO AMATEURS BT

SECTION MANAGER ELECTION RESULTS. THE FOLLOWING SECTION MANAGERS WILL BEGIN A TWO YEAR TERM JULY 1, 1989.

MISSOURI, K0ORB. NORTHERN NEW JERSEY, NW2L. WEST TEXAS, W50VH AR

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HR ARRL BULLETIN NR 24 ARLB024  
FROM ARRL HEADQUARTERS  
NEWINGTON CT MAY 27, 1989  
TO ALL RADIO AMATEURS BT

A NEW SOVIET AMATEUR RADIO SATELLITE LAUNCH MAY BE IMMINENT.  
WORD HAS REACHED AMSAT NA THAT RS12 AND RS13 ARE SCHEDULED FOR  
LAUNCH DURING JUNE. THESE TRANSPONDERS WILL BE IN A  
CONFIGURATION SIMILAR TO THAT OF RS10 AND RS11 AR

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HR ARRL BULLETIN NR 25 ARLB025  
FROM ARRL HEADQUARTERS  
NEWINGTON CT MAY 31, 1989  
TO RLL RADIO AMATEURS BT

THE ARRL HAS FILED A PETITION FOR RECONSIDERATION AND MOTION FOR  
STAY IN FCC GENERAL DOCKET 87 389. THE PETITION ESTABLISHES  
THAT THE COMMISSION ERRED IN NOT RESPONDING IN A REASONED MANNER  
TO MORE THAN 200 COMMENTS FROM AMATEURS DOCUMENTING INTERFERENCE  
PROBLEMS WITH PART 15 DEVICES.

THE PETITION CALLS FOR THE INCLUSION OF THE AMATEUR BANDS AMONG  
THE RESTRICTED BANDS, NO INCREASE IN PERMITTED RF EMISSIONS FOR  
NON LICENSED RADIATORS OVER THEIR FORMER LEVELS AND THE  
REQUIREMENT THAT INFORMATION ON A MANUFACTURERS RESPONSIBILITY  
TO RESOLVE RFI PROBLEMS BE INCLUDED IN THE OWNERS MANUAL FOR  
HOME ELECTRONIC EQUIPMENT.

THE MOTION FOR STAY ESTABLISHES THAT IRREPARABLE HARM WILL OCCUR  
IF THE NEW RULES ARE ALLOWED TO GO INTO EFFECT AS SCHEDULED ON  
JUNE 23 AR

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HR ARRL BULLETIN NR 26 ARLB026  
FROM ARRL HEADQUARTERS

Fidonet HAM/PACKET Digest

Page 5

Volume 1, Number 4

July 2, 1989

NEWINGTON CT MAY 31, 1989  
TO ALL RADIO AMATZURS BT

THE FCC ANNOUNCED TODAY THAT IT HAS REVISED AND REORGANIZED PART 97 IN ORDER TO MAKE THE AMATEUR SERVICE RULES EASIER TO UNDERSTAND AND TO PROVIDE A FOUNDATION UPON WHICH FUTURE ADVANCEMENTS IN COMMUNICATIONS CAN BE INCORPORATED INTO THE AMATEUR SERVICE.

THE NEW PART 97 CONSISTS OF SIX SUBPARTS AND TWO APPENDICES. THE SUBPARTS FROM A TO F ARE, GENERAL PROVISIONS, STATION OPERATION STANDARDS, SPECIAL OPERATIONS, TECHNICAL STANDARDS, PROVIDING EMERGENCY COMMUNICATIONS, AND QUALIFYING EXAMINATION SYSTEMS. APPENDIX 1 LISTS THE GEOGRAPHIC AREAS WHERE THE AMATEUR SERVICE IS REGULATED BY THE FCC. APPENDIX 2 LISTS VOLUNTEER EXAMINER COORDINATOR REGIONS.

THE EFFECTIVE DATE OF THE PART 97 REWRITE IS EXPECTED TO BE ON OR ABOUT SEPTEMBER 1, 1989. PRIOR TO TODAYS ACTION, PART 97 HAD NOT UNDERGONE A MAJOR RESTRUCTURING SINCE 1951 AR

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HR ARRL BULLETIN NR 27 ARLB027  
FROM ARRL HEADQUARTERS  
NEWINGTON, CT JUNE 1, 1989  
TO ALL RADIO AMATEURS BT

THE FEDERAL COMMUNICATIONS COMMISSION HAS CONCLUDED THAT A SPECIAL CALL SIGN PROGRAM, EVEN ONE ADMINISTERED BY THE PRIVATE SECTOR, WOULD REQUIRE THE DIVERSION OF SIGNIFICANT AGENCY RESOURCES, ESSENTIAL TO THE TIMELY PROCESSING OF APPLICATIONS FOR NEW AND UPGRADED AMATEUR LICENSES. UNDER THESE CIRCUMSTANCES, FCC CONCLUDED THAT A SPECIAL CALL SIGN SYSTEM IS NOT IN THE PUBLIC INTEREST AND TERMINATED THE PRB 3 PROCEEDING AR

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HR ARRL BULLETIN NR 28 ARLB028  
FROM ARRL HEADQUARTERS  
NEWINGTON CT JUNE 12, 1989  
TO ALL RADIO AMATEURS BT

ON JUNE 9, THE FEDERAL COMMUNICATIONS COMMISSION RELEASED THE REPORT AND ORDER COMPLETING THE REORGANIZATION OF PART 97 OF THE FCC RULES GOVERNING THE AMATEUR RADIO AND AMATEUR SATELLITE SERVICES. THE NEW RULES WILL BE EFFECTIVE SEPTEMBER, 1989.

COPIES OF THE REPORT AND ORDER ARE AVAILABLE. CALL THE REGULATORY INFORMATION DEPARTMENT AT HQ FOR MORE INFORMATION AR

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QST DE W1AW  
HR ARRL BULLETIN NR 29 ARLB029  
FROM ARRL HEADQUARTERS

Fidonet HAM/PACKET Digest

Page 6

Volume 1, Number 4

July 2, 1989

NEWINGTON CT JUNE 15, 1989  
TO ALL RADIO AMATEURS BT

THE FEDERAL COMMUNICATIONS COMMISSION ANNOUNCED ON JUNE 15, THAT IT HAD REAFFIRMED ITS DECISION TO REALLOCATE THE 220 TO 222 MHZ BAND FROM THE AMATEUR RADIO SERVICE TO COMMERCIAL LAND MOBILE INTERESTS.

THE ARRL EXECUTIVE COMMITTEE HAD ALREADY DECIDED TO ASK THE US COURT OF APPEALS FOR THE D.C. CIRCUIT TO REVIEW THE FCC DECISION IN THE EVENT THE COMMISSION REFUSED TO RECONSIDER ON ITS OWN.

NO DATE HAS BEEN SET BY FCC FOR TERMINATING AMATEUR ACCESS TO THE BAND AR

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HR ARRL BULLETIN NR 32 ARLB032  
FROM ARRL HEADQUARTERS  
NEWINGTON CT JUNE 21, 1989  
TO ALL RADIO AMATEURS BT

ARRL STATED IN COMMENTS SUBMITTED ON JUNE 12 THAT IS SUPPORTS THE COMMISSIONS PROPOSAL TO MODIFY SECTION 97.87E OF THE RULES TO PERMIT OPERATION OF AUTOMATICALLY CONTROLLED BEACONS AT 144.275 TO 144.300 MHZ AND 432.300 TO 432.400 MHZ IN PLACE OF THE PRESENTLY AUTHORIZED SUBBAND FOR THAT PURPOSE.

IN ADDITIONAL COMMENTS, ARRL AGAIN REQUESTED THE RELOCATION OF THE 220 MHZ BEACONS FROM 220.05 TO 220.06 MHZ, TO 220.275 TO 220.300 MHZ STATING THAT THERE IS NO REASON WHY THE PRESENT AMATEUR OPERATION IN THE 220 TO 222 MHZ BAND SHOULD BE AFFECTED BY THE ONGOING PROCEEDINGS IN DOCKET 87 14 AR

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HR ARRL BULLETIN NR 31 ARLB031  
FROM ARRL HEADQUARTERS  
NEWINGTON CT JUNE 21, 1989  
TO ALL RADIO AMATEURS BT

ON JUNE 19, FCC ISSUED AN ORDER WHICH DENIED THE ARRL PETITION FOR STAY IN NEW PART 15 RULES. TWO OTHER PETITIONS FOR STAY, FILED BY THE LINEAR CORPORATION AND THE SENSORMATIC ELECTRONICS CORPORATION WERE ALSO DENIED AR

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Fidonet HAM/PACKET Digest

Page 7

Volume 1, Number 4

July 2, 1989

=====

ARTICLES

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AFRTS feeder frequencies From: Tom Sundstrom

In response to a diminishing number of requests, I fired up my Kenwood R-5000 receiver control program and printed out the following list of AFRTS frequencies. I don't know where all the transmitters are located, at least some are in Europe:

13651.3 12651.3 10537.8 9334.3  
9242.3 7571.8 5376.8 5242.0 (Approx.)

All these are tuned in LSB. If these are ISB transmitters, I have not noticed anything on the USB at the times I listened.

Credit should be given to N2CPR for most of these. For information on a JRC NRD-525 or Kenwood R-5000 receiver control program, download TRS\_SOFT.ZIP or send me a business size SASE (PO Box 2275, Vincentown, NJ 08088-2275).

Fidonet HAM/PACKET Digest

Page 8

Volume 1, Number 4

July 2, 1989

Radio Beijing's English schedule:

Time	Target	Frequencies (kHz)
0000-0100	Americas	15425 11715 9770
0300-0400	Americas	11715 9770 8425
0400-0500	Americas	11980 9640 8425
0500-0600	Americas	9770 9690
0830-1030	Pacific	15440 11755 9700 8490 6550
1100-1200	Americas	15455
1200-1300	Americas	15455
1200-1300	Asia	11660 11600 11290 7820 1341 1251
1300-1400	Asia	11660 11600 7335 1341
1400-1600	Asia	11600 4200

1600-1800 Africa 15110 11715 11600 9570 5250 4130  
1930-2130 MidE/Afr 9440 7480 6955  
2000-2200 Europe 11500 9820 5250  
2200-2230 Europe 3985

15110, 11715, 9770, 3985 are relays in Switzerland  
9690 is relay in Spain

Fidonet HAM/PACKET Digest

Page 9

Volume 1, Number 4

July 2, 1989

Radio Radio South Africa Freq's

This is a listing of the Radio RSA, "The Voice of South Africa" as published in the 1989 edition of RSA CALLING. I have only listed English language frequencies for the Americas. If you are interested in trying to get a signal broadcast to other parts of the world, or in another language please let me know in this echo, or by netmail to "PETER LIST" at "1:231/30". Other languages include Danish, Spanish, Portuguese, Dutch, German, French, and a variety of African tongues.

All times are in UTC. From March 26 to September 29 all broadcasts are one hour earlier. All frequencies preceded by a "%" are at 250 kw, else they are at 500kw.

TIME                   FREQUENCIES

0200-0300	11670	%9615	9580	6010	
1400-1600	%21670	%21535	21590	%17755	%17745
	%15270		11925		

These frequencies are also beamed to: East Africa & Middle East, Eastern Europe, Southern & Western Africa, and U.K. & Ireland.]

PROGRAMMING

(All days are given UTC, subtract 1 day for USA, i.e. a program broadcast on Monday UTV will be heard in the US and Canada on Sunday.)

---0200-0300---

MONDAY: News; Touring RSA; DX Corner; Our Wild Heritage; Tribes & Tribunes.

TUESDAY through SATURDAY: News; Comment; Africa South.

SUNDAY: News; Saturday RSA; P O Box 4559; Conversation Corner; Amateur Radio Spectrum.

---1400-1500---

MONDAY-FRIDAY: News; Women's Page; Yours and Mine

SATURDAY: News; P O Box 4559; Sounds of Soweto

SUNDAY: News; Sunday Magazine

---1500-1556---

MONDAY-FRIDAY: News; Listener's Questions; Africa South; News in Brief

SATURDAY: News; Down Our Way; News in Brief

SUNDAY: News; Sunday Magazine; P O Box 4559; News in Brief

Well, I hope that has been of use to someone out there. If any of that needs clarification, please let me know. I can, of

Fidonet HAM/PACKET Digest

Page 10

Volume 1, Number 4

July 2, 1989

course, only present the information provided by the broadcaster, and am always working on more readable formats.

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Fidonet HAM/PACKET Digest

Page 11

Volume 1, Number 4

July 2, 1989

Amateur Radio on VHF

From Brian Battles

Say, if you enjoy a change of pace from the typical police, fire, aircraft, taxicabs, and McDonald's drive-thru windows, why not tune into Amateur Radio's ARRL National Traffic System Nets. This is where we Amateurs pass messages on behalf of the public for local relay. Here are some suggested frequencies and times to listen, for folks in the Southern New England area:

10:00 AM 146.91 MHz Western Mass. Traffic Net

8:30 PM 147.18 MHz Western Conn. Traffic Net

9:00 PM 146.73 MHz RASON Traffic Net (Radio Amateur Soc. of Norwich)

9:30 PM 146.88 MHz Nutmeg VHF Traffic Net

Hope you enjoy listening to the traffic nets, and, by the way, if you're a licensed Amateur (Technician Class or higher), please join us!

BTW, these traffic nets meet 365 days a year; times listed are year-round, local (regardless of EDT, EST).

73 de Brian Battles WA1YUA ("Yelling Until Acknowledged")

QTH Colchester, Conn.

Fidonet HAM/PACKET Digest

Page 12

Volume 1, Number 4

July 2, 1989

ANERCOM meets in Washington, D.C.

By: Luck Hurder

#### ANERCOM MEETS IN WASHINGTON

The ARRL National Emergency Response Committee (ANERCOM) met in Washington, DC in late May to visit served agencies that were directly involved in the aftermath of Hurricane Gilbert. This was a chance to learn how Amateur Radio has performed from the agency's perspective and to compare notes on plans that have been developed since Hurricane Gilbert and the earthquake in Armenia.

Discussions with US Office of Foreign Disaster Assistance staff stressed the importance of proper education and training in

communication procedures and network operations during and after disasters. In meetings with the Red Cross and the Salvation Army, it's apparent that ARRL's cooperation and Amateur Radio's role in providing communication is appreciated and growing stronger. Since the major disasters of the fall of 1988, both the Salvation Army and the Red Cross are integrating Amateur Radio into their plans and updating data bases. Personal visits with staff members of Volunteers in Technical Assistance (VITA) and the Jamaican Embassy were also informative.

With valuable input received during the Washington, DC meetings, the committee reviewed its assignments and began to lay groundwork for a stronger ARRL on the air presence and response during disaster situations like the Mexico City earthquake and Hurricane Gilbert.

Fidonet HAM/PACKET Digest

Page 13

Volume 1, Number 4

July 2, 1989

Subj: Broadcast Editorial

[Import from: N3AIA @ N3AIA]

I just read a "commentary" written by Jim Grubs, W8GRT,

concerning "broadcasting" of ham radio programming by hams. It is as follows:

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I have been watching with some concern of late the growth of the broadcast of news programs in the ham bands by hams in the broadcasting business. I do not doubt their sincerity, and I know that according to the strict letter of the law it is legal. What I wonder is this: Do these "programs", some of which last as much as an hour, contradict the spirit of the law. My personal opinion is that the regulation these "broadcasters" quote was intended for general addressee radiograms like the ARRL bulletins and that the "News at six, film at eleven" style broadcasting not only goes beyond the original intent of the FCC but might even be considered wilfull interference with normal communications because of their inordinate length. What do you guys think? 73, de Jim Grubs, W8GRT.

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Let's set the record straight. First of all, where is this alleged "growth" of ham radio broadcasting he alludes to? The I.A.R.N., (International Amateur Radio Network), has been providing informational programming for the U.S. Amateur Service 2 years already since April, 1987! The Gateway Radio Newsletter has been around since 1979! Westlink (now known as Newsline) has been around even longer. Chicago's CSRA1 began back in 1986; And the B.I.S. (BEAR Information Service) that I produce started up in 1984! Is Jim Grubs just now (thanks to my bulletins), discovering these bulletin services? Oh, for the uninitiated, Newsline is a 10-minute weekly Amateur Radio newscast available by telephone only at (213) 462-0008. And the RAIN dialup Service is only available via phone too at (312) 299-INFO.

As to the assertion that we who produce and disseminate/broadcast such programming are in the "business", I say NONSENSE. I'm not--just listen to my voice and you'll hear why! Glenn Baxter, K1MAN, with the I.A.R.N. isn't--he repairs/restores Collins gear for a living. Vern Jackson, WA0RCR, with the Gateway Radio Newsletter is employed by his local electric company. Bill Pasternak, WA6ITF, producer of Newsline, is in video tape maintenance for an L.A. television station. Steve Bauer, KC0HF, producer of ham radio programming in Kan. works for the Social Security Administration. CSRA1'S

Volume 1, Number 4

July 2, 1989

Scott Childers, WD9FXP, is the only one who comes close; he works in a broadcast production facility in Chicago. Newsline is typically voiced by broadcasters, but they simply read a script that Bill Pasternak writes at home. The common thread here is that NONE of us receive remuneration for what we do--not a penny. So much for being in the "broadcasting business".

Jim Grubs, W8GRT, questions whether Amateur broadcasting is contrary to the spirit of the FCC regs, if not the letter. Where does it say (either in the new part 97 rewrite or the current one) that amateur bulletins will be limited to --- minutes? Are the 45-minute I.A.R.N. "bulletins" too long? And what about the W1AW bulletins that tie up a handful of frequencies up to NINE hours a day? Are they too long? Not to those who benefit from them; not to those disabled hams who have limited access to ham-oriented reading materials or just cannot physically turn pages of a magazine; not to those who aren't satisfied with reading articles and news in ham magazines written six weeks or more ago.

And finally, Jim Grubs contends that ham radio broadcasts "wilfully interfere" with those on frequency. Well, if you follow this train of thought, then you would have to say W1AW has been doing so for decades! When the I.A.R.N. begins its transmissions, it at least gives several announcements starting one minute prior to the program. Parenthetically, the "broadcast" schedules for both W1AW and the I.A.R.N. are published in QST. When it does come to wilful interference, the shoe is often on the other foot. Such interference is one reason why the I.A.R.N. airs its bulletin programs 5 times a day on 3975, 14275, and 28475 KHz, at 11, 13, 17, 21, and 00 hours UTC. Two other reasons are individual schedules, and unpredictable propagation.

In conclusion, if you wish to place limitations on amateur bulletin services, then you should propose to do the same for ALL communications on the ham bands to be consistent. But more to the point, on Apr. 1, 1988, the FCC ruled that "While the transmission time of some information bulletins may require 10 minutes or less, other information bulletin transmissions may take considerably longer. . . . Information bulletin transmissions have served the Amateur community by providing an effective means of keeping Amateur operators informed about

their service."

You do have 3 options: change the law, change frequency, or turn off your radio. Amateur Radio broadcasting is here to stay, because there is a need for it. Perhaps all you who have nothing better to do than criticize such volunteerism should ask yourselves "what am I doing for ham radio that is so important? While you are spinning your wheels about a handful of us alleged "broadcasters" big business and big government are dividing and conquering our bands.

Your rebuttles are welcome via the BEARhotline, (312) 827-BEAR.

Fidonet HAM/PACKET Digest

Page 15

Volume 1, Number 4

July 2, 1989

73, Hap Holly, KC9RP, B.I.S. producer, and Executive Director of the RAIN (Radio Amateur Information Network) Foundation

Fidonet HAM/PACKET Digest

Page 16

Volume 1, Number 4

July 2, 1989

Latest FCC-issued Amateur calls

Contributed by Luck Hurder

The following is a list of most recently issued FCC call signs (June 1).

District	Group "A"	Group "B"	Group "C"	Group "D"
	Extra	Advanced	Tech/Gen	Novice
0	WU0D	KF0DF	N0KSI	KB0ESV
1	NW1X	KC1PG	N1GQB	KA1UA0
2	WQ20	KE2NQ	N2JNE	KB2HZB
3	NV3C	KD3NJ	N3HEE	KA3UUU
4	AB40X	KM4TJ	N4VYU	KC4LCG
5	AA5LY	KG5UV	N500J	KB5JSS
6	AA60I	KJ6VH	N6VIG	KC6ECG
7	AA7AM	KF7UG	N7MXE	KB7HZR
8	WT8H	KE8ZS	N8KWU	KB8HOK
9	WI9O	KE9QP	N9IOJ	KB9CYJ

Guam	KH2K	AH2CE	KH2DW	WH2AMF
Hawaii	**	AH6JU	NH6TK	WH6CDN
Alaska	**	AL7LG	NL7RY	WL7BVA
USVI	NP2E	KP2BP	NP2DD	WP2AGV
P.R.	**	KP4QE	WP4VX	WP4IKJ

\*\* indicates that all 2 x 1 call signs have been assigned in those areas.

Fidonet HAM/PACKET Digest

Page 17

Volume 1, Number 4

July 2, 1989

#### NARTE CERTIFICATION AVAILABLE TO HAMS

Contributed by Luck Hurder

The National Association of Radio and Telecommunications Engineers (NARTE) is granting its entry-level Class IV certificate to Advanced and Extra Class amateurs. The NARTE

program covers broadcasting as well as commercial aspects of satellite, microwave, and land mobile communications and certification provides a means whereby amateurs may enter the commercial field.

If you are interested in adding yourself to the pool of technical personnel for industry, contact NARTE at PO Box 15029, Salem, OR 97309, or call 503-581-3336.

Volume 1, Number 4

July 2, 1989

"RCR" Article on 220 Hearings

From: N3AIA Packet BBS [Import from: N3AIA @ N3AIA]

R:890606/2253z @:WB5FWE NORMAN OK,IP-GATE #:23876 Z:73072

From "RCR" Newsletter, June 5, 1989

HAMS TAKE BEEF OVER REALLOCATION TO HOUSE SUBCOMMITTEE HEARING

By Jeffrey Silva

WASHINGTON, DC -- A feisty and well-prepared amateur radio lobby went before a House subcommittee earlier last month to argue against the reallocation of the 220-222 MHz band for private land mobile narrow-band expansion.

In testimony before the House Subcommittee on Government Information, Justice and Agriculture, amateur radio representatives cited potential disruption to amateur emergency services and frequency relocation costs to operators as reasons for their opposition to the plan. The subcommittee also heard testimony from officials of the Federal Communications Commission, United Parcel Service Inc., and the Department of Defense.

The FCC's 220-222 MHz reallocation ruling of last August has been challenged by the American Radio Relay League, Defense, and more than 500 licensed amateur radio operators. The land mobile industry has supported the narrow-band allocation, especially the handful of manufacturers developing narrow-band radio equipment.

A further ruling addressing petitions to reconsider the decision was expected last month or early this month according to FCC officials.

It is uncertain what impact the hearing could have on the agency. The committee itself does not have legislative authority, but rather operates in an oversight capacity. However, the subcommittee can make legislative recommendations to the full House Committee on Government Operations.

"Our particular interest...is in the process that the FCC

followed in their rulemaking action," said subcommittee Chairman Robert Wise, D-W.Va. "While we need to support the continued advance of technology--what this will mean for the benefit of radio communications in the years to come--we need to make sure that we do not make giant steps forward only to trip over our own feet in the process."

The regulatory process was in fact the target of the ARRL's attack. The organization, representing amateur, or ham, radio

Fidonet HAM/PACKET Digest

Page 19

Volume 1, Number 4

July 2, 1989

operators, blasted the commission for failing to weigh large-scale opposition from ham operators and the Defense Department in reaching its broader 216-225 MHz reallocation decision last August.

The Defense Department's interest in the 220-225 MHz is for radiolocation (radar) purposes.

The FCC's reallocation ruling designated the 220-222 MHz band for government and nongovernment private narrow-band radio system and set aside exclusive use of the 222-225 MHz band for amateur use. The 216-220 MHz slot was held for maritime mobile radio services.

Ham operators previously had shared access to the 220-225 MHz band, a scheme obviously preferred over the government's reallocation plan.

ARRL representatives asserted federal regulators under-estimated amateur use of the 220-222 MHz band in deciding the issue, explaining to lawmakers those channels are need to develop high capacity, wide-area packet radio networks.

Such networks would, for example, enable ham operators to send and receive computer-generated information over amateur radio frequencies during emergencies or disasters. The 220-222 MHz segment, amateurs testified, is critical to provide control links for multi-city packet radio amateur communications.

When pressed hard in questioning by the subcommittee, however, ARRL conceded packet radio networks in need of 220-222 MHz control links probably will be used most extensively in locales such as disaster-prone Southern California and the Northeast and in smaller areas to a lesser extent, but added emergency

communications were nonetheless essential.

ARRL also contended land mobile narrow-band expansion could have been accommodated on lower frequencies and called into question spectrum efficiencies promised by the technology.

Meanwhile, Dr. Thomas Stanley, chief of the FCC's Office of Engineering and Technology, was grilled about whether serious attention was given to the effect the 220-222 MHz reallocation would have on emergency radio services provided by amateur volunteers and the accompanying radio and transmitter costs of changing frequencies.

Stanley strongly defended the commission's ruling, while acknowledging frequency allocations were among the most difficult of regulatory decisions. He said acceptance of very late-filed comments from UPS, which wishes to build a nationwide digital data mobile network to aid its package delivery service, added to the material record of the rulemaking and unavoidable since UPS was designing its system in the earlier stages.

Fidonet HAM/PACKET Digest

Page 20

Volume 1, Number 4

July 2, 1989

Stanley said late filings from individual amateur licensees were rejected, however, because those parties had ample time during the protracted proceeding to make their views known. Stanley shied away from committing the agency to holding oral arguments as requested by the ARRL.

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Fidonet HAM/PACKET Digest

Page 21

Volume 1, Number 4

July 2, 1989

New recruitment brochures

From Luck Hurder

#### ARRL OFFERS NEW RECRUITMENT BROCHURES

"How do I get started in ham radio?" We've all been asked this question by prospective amateurs. Well, we have some new "tools" to help answer this question and others. ARRL HQ has developed three new promotional brochures aimed at answering a

prospective hams questions about Amateur Radio.

The first one focuses on recruiting youth into Amateur Radio and it is entitled "Ham Radio: Your Key to Excitement" (code E1). It emphasizes fun and excitement of Amateur Radio. The second brochure, entitled "Ham Radio . . . Today and Into the Future" (code E2) is aimed at adults and it emphasizes how Amateur Radio can enrich one's everyday life. The last brochure, "Hobby of a Lifetime! HAM RADIO" (code E3) targets seniors at or near retirement. It stresses camaraderie and the absence of physical or age limitations in Amateur Radio.

Small quantities of these new brochures can be obtained by writing ARRL HQ, 222 Main St., Newington, CT 06111.